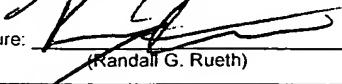




I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: February 13, 2004      Signature: 

(Randall G. Rueth)

Docket No.: 29794/38804A  
(PATENT)

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Michael Smit et al.

Application No.: 10/666,862

Filed: September 19, 2003

Art Unit: 2183

For: METHODS AND APPARATUS FOR  
VISUALLY CREATING COMPLEX  
EXPRESSIONS THAT INFORM A RULES-  
BASED SYSTEM OF CLINICAL DECISION  
SUPPORT

Examiner: Not Yet Assigned

### INFORMATION DISCLOSURE STATEMENT (IDS)

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

Pursuant to 37 CFR 1.56, 1.97 and 1.98, the attention of the Patent and Trademark Office is hereby directed to the references listed on the attached PTO/SB/08. It is respectfully requested that the information be expressly considered during the prosecution of this application, and that the references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

This Information Disclosure Statement is filed before the mailing date of a first Office Action on the merits as far as is known to the undersigned (37 CFR 1.97(b)(3)).

A copy of each reference on the PTO/SB/08 is attached.

The Director is hereby authorized to charge any deficiency in the fees filed, asserted to be filed or which should have been filed herewith (or with any paper hereafter

filed in this application by this firm) to our Deposit Account No. 13-2855, under Order No. 29794/38804A. A duplicate copy of this paper is enclosed.

Dated: February 13, 2004

Respectfully submitted,

By

Randall G. Rueth

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FEB 24 2004

Approved for use through 07/31/2006. OMB 0651-0031  
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Substitute for form 1449A/B/PTO				Complete if Known	
				Application Number	10/666,862
				Filing Date	September 19, 2003
				First Named Inventor	Michael Smit
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Sheet	1	of	4	Attorney Docket Number	29794/38804A

U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	1	US-4,591,974	05-27-1986	Dornbush, et al.	
	2	US-4,667,292	05-19-1987	Mohlenbrock, et al.	
	3	US-4,839,806	06-13-1989	Goldfischer, et al.	
	4	US-4,893,270	01-09-1990	Beck, et al.	
	5	US-4,962,475	10-09-1990	Hernandez, et al.	
	6	US-5,072,383	12-10-1991	Brimm et al.	
	7	US-5,072,412	12-10-1991	Henderson, Jr., et al.	
	8	US-5,072,838	12-17-1991	Price, Jr. et al.	
	9	US-5,077,666	12-31-1991	Brimm, et al.	
	10	US-5,088,981	02-18-1992	Howson, et al.	
	11	US-5,101,476	03-31-1992	Kukla	
	12	US-5,253,362	10-12-1993	Nolan, et al.	
	13	US-5,301,105	04-05-1994	Cummings, Jr.	
	14	US-5,319,543	06-07-1994	Wilhelm	
	15	US-5,325,478	06-28-1994	Shelton et al.	
	16	US-5,361,202	11-01-1994	Doue	
	17	US-5,428,778	06-27-1995	Brookes	
	18	US-5,546,580	08-13-1996	Seliger et al.	
	19	US-5,557,515	09-17-1996	Abbruzzese, et al.	
	20	US-5,574,828	11-12-1996	Hayward et al.	
	21	US-5,596,752	01-21-1997	Knudsen et al.	
	22	US-5,603,026	02-11-1997	Demers et al.	
	23	US-5,692,125	11-25-1997	Schloss, et al.	
	24	US-5,724,584	03-03-1998	Peters et al.	
	25	US-5,748,907	05-05-1998	Crane	
	26	US-5,751,958	05-12-1998	Zweben et al.	
	27	US-5,760,704	06-02-1998	Barton et al.	
	28	US-5,772,585	06-30-1998	Lavin, et al.	
	29	US-5,778,346	07-07-1998	Frid-Nielsen et al.	
	30	US-5,781,442	07-14-1998	Engleson et al.	
	31	US-5,781,890	07-14-1998	Nematbakhsh, et al.	
	32	US-5,802,253	09-01-1998	Gross et al.	
	33	US-5,823,948	10-20-1998	Ross, Jr. et al.	
	34	US-5,832,450	11-03-1998	Myers, et al.	
	35	US-5,833,599	11-10-1998	Schrier, et al.	
	36	US-5,838,313	11-17-1998	Hou et al.	
	37	US-5,845,253	12-01-1998	Rensimer, et al.	
	38	US-5,848,393	12-08-1998	Goodridge et al.	
	39	US-5,848,395	12-08-1998	Edgar et al.	
	40	US-5,850,221	12-15-1998	Macrae et al.	
	41	US-5,867,688	02-02-1999	Simmon et al.	
	42	US-5,867,821	02-02-1999	Ballantyne et al.	
	43	US-5,899,998	05-04-1999	McGauley et al.	
	44	US-5,915,240	06-22-1999	Karpf	
	45	US-5,924,074	07-13-1999	Evans	
	46	US-5,946,659	08-31-1999	Lancelot et al.	

Examiner Signature	Date Considered
--------------------	-----------------

Substitute for form 1449A/B/PTO				<b>Complete if Known</b>	
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				First Named Inventor	Michael Smit
				Art Unit	2183
				Examiner Name	Not Yet Assigned
Sheet	2	of	4	Attorney Docket Number	29794/38804A

47	US-5,983,210	11-09-1999	Imasaki et al.	
48	US-5,997,446	12-07-1999	Brown	
49	US-5,997,476	12-07-1999	Brown	
50	US-5,999,916	12-07-1999	Peters et al.	
51	US-6,014,631	01-11-2000	Teagarden et al.	
52	US-6,016,477	01-18-2000	Ehnebuske et al.	
53	US-6,021,404	02-01-2000	Moukheibir	
54	US-6,037,940	03-14-2000	Schroeder et al.	
55	US-6,047,259	04-04-2000	Campbell et al.	
56	US-6,063,026	05-16-2000	Schauss, et al.	
57	US-6,067,523	05-23-2000	Bair, et al.	
58	US-6,082,776	04-04-2000	Feinberg	
59	US-6,139,494	10-31-2000	Cairnes	
60	US-6,154,726	11-28-2000	Rensimer, et al.	
61	US-6,182,047-B1	01-30-2001	Dirbas	
62	US-6,188,988-B1	02-13-2001	Barry et al.	
63	US-6,263,330-B1	07-17-2001	Bessette	
64	US-6,283,761-B1	09-04-2001	Joao	
65	US-6,289,368-B1	09-11-2001	Dentler et al.	
66	US-6,304,905-B1	10-16-2001	Clark	
67	US-6,317,719	11-13-2001	Schrier, et al.	
68	US-6,332,167-B1	12-18-2001	Peters et al.	
69	US-6,345,260-B1	02-05-2002	Cummings, Jr. et al.	
70	US-6,401,072-B1	06-04-2002	Haudenschild et al.	
71	US-6,415,275-B1	07-02-2002	Zahn	
72	US-2001/0016056-A1	08-23-2001	Westphal et al.	
73	US-2001/0016853-A1	08-23-2001	Kucala	
74	US-2001/0049610 A1	12-06-2001	Hazumi	
75	US-2001/0051888-A1	12-13-2001	Mayhak, Jr. et al.	
76	US-2001/0056433-A1	12-27-2001	Adelson et al.	
77	US-2002/0002473-A1	01-03-2002	Schrier et al.	
78	US-2002/0001375-A1	01-03-2002	Alcott et al.	
79	US-2002/0001387-A1	01-03-2002	Dillon	
80	US-2002/0002535-A1	01-03-2002	Kitchen et al.	
81	US-2002/0007287-A1	01-17-2002	Straube et al.	

<b>FOREIGN PATENT DOCUMENTS</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>2</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
82		WO-WO 96/27163	09-06-1996	Haudenschild, et al.	
83		WO-WO 98/13783	04-02-1998	Evans	
84		WO-WO 99/22330	05-06-1999	Johnson	
85		WO-WO 99/44162	09-02-1999	Georgiev et al.	
86		WO-WO 99/63473	12-09-1999	Bleicher et al.	
87		WO-WO 00/28460	05-18-2000	Maus et al.	
88		WO-WO 00/29983	05-25-2000	Kriese	
89		WO-WO 00/65522	11-02-2000	Kimak	

Examiner Signature	Date Considered
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<sup>1</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>2</sup>Applicant's unique citation designation number (optional). <sup>3</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>4</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>5</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>6</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>7</sup>Applicant is to place a check mark here if English language Translation is attached.

<b>NON PATENT LITERATURE DOCUMENTS</b>				
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.		T <sup>2</sup>
	90	"Sunrise Knowledge-Based Orders," Advanced Clinical Solutions, ECLIPSY, <a href="http://www.eclipsys.com">www.eclipsys.com</a> , December 2002, 4 pages.		
	91	"Sunrise Clinical Manager," Advanced Clinical Solutions, ECLIPSY, <a href="http://www.eclipsys.com">www.eclipsys.com</a> , December 2002, 4 pages.		
	92	"News & events," ECLIPSY, <a href="http://www.eclipsys.com">www.eclipsys.com</a> , April 16, 2002, 3 pages.		
	93	"Horizon Clinicals," MCKESSON CORPORATION, <a href="http://www.mckesson.com">www.mckesson.com</a> , 2003, 2 pages.		
	94	"Acute Care EMR - Solutions," CERNER CORPORATION, <a href="http://www.cerner.com">www.cerner.com</a> , 2002-2003, 2 pages.		
	95	"Foundation," IDX SYSTEMS CORPORATION, <a href="http://www.idx.com">www.idx.com</a> , 1999-2004, 2 pages.		
	96	"Supporting the Work of Clinicians," IDX SYSTEMS CORPORATION, <a href="http://www.idx.com">www.idx.com</a> , 1999-2004, 1 page.		
	97	"AUTONOMY Update™," production brief, 2 pages.		
	98	"Brio.Portal," product information sheet, 1 page.		
	99	"Portal-in-a-Box™," Product Brief, AUTONOMY INC., <a href="http://www.autonomy.com">www.autonomy.com</a> , April 2002, 6 pages.		
	100	"Actuate Software," Sun Solutions Catalog, ACTUATE CORPORATION & SUN MICROSYSTEMS, <a href="http://www.sun.com">www.sun.com</a> , 2002, 24 pages.		
	101	HAZUMI ET AL., "Development of Electronic Medical Record System," NEC Research & Development, Vol. 41, No. 1, January 2000, pp. 102-105.		
	102	MCDONALD ET AL., "The Regenstrief Medical Record System: a quarter century experience," International Journal of Medical Informatics, Vol. 54, 1999, pp. 225-253.		
	103	"CDR-Web," RELIANCE SOFTWARE SYSTEMS, Website, 2000, 1 page.		
	104	MARIETTI, "O' Pioneers!," Healthcare Informatics, Website, May 1999, 9 pages.		
	105	JOHNSON, "Today's CDRs: The Elusive Complete Solution," Healthcare Informatics, (Website), July 1997, 7 pages.		
	106	ANDREW ET AL., "Computer-Based Patient Records - Venturing Off the Beaten Path: It's Time to Blaze New CPR Trails," Healthcare Informatics, (Website), May 1997, 17 pages.		
	107	"EMR Features," CARE IS #1, 1999-2000, 1 page.		
	108	"Enterprise Systems Management," CERNER CORPORATION, <a href="http://www.cerner.com">www.cerner.com</a> , September, 13, 2001, 5 pages.		
	109	"HealthMatics™ Office", HEALTHMATICS OFFICE, Website, 3 pages, (date unknown).		
	110	CLINICOMP, INTL., Website, 1999-2000, 1 page.		
	111	"ExcelCare Windows", Website, 2 pages (date unknown).		
	112	"IC-Chart Information", INTEGREATION, Website, 1 page, (date unknown).		
	113	"Managing mail messages with rules," Microsoft Outlook Help Manual, Website, Version 6, 5 pages June 24, 2002.		
	114	MERCANDO, "Appointment Scheduling on Computer", PACE, Vol. 20, July 1997, pp.1860-1862.		
	115	EncounterPRO, the Workflow Enabled CPR/EMR from JMJ Technologies," JMJ		

Examiner Signature	Date Considered
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Substitute for form 1449A/B/PTO				<b>Complete if Known</b>	
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				Art Unit	2183
				Examiner Name	Not Yet Assigned
Sheet	4	of	4	Attorney Docket Number	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(Use as many sheets as necessary)</i>					

		TECHNOLOGIES, INC., <a href="http://www.jmjtech.com">www.jmjtech.com</a> , November 8, 2002, 6 pages.
116		"Expeditor Systems - The Patient Flow Systems Experts", EXPEDITOR SYSTEMS, <a href="http://www.expeditor.com">www.expeditor.com</a> , 2001, 3 pages.
117		"Working with Patient Lists," EpicCare Inpatient Electronic Medical Record July 2000 User's Guide, EPIC SYSTEMS CORP., Section 10.5-10.6, 3 pages.
118		"Patient Lists," EpicCare Inpatient Electronic Medical Record July 2000 User's Guide, EPIC SYSTEMS CORP., Section 11.3-11.4, 3 pages.
119		"Oacis - Census Management," DINMAR (U.S.) INC., <a href="http://www.oacis.com">www.oacis.com</a> , 2002, 2 pages.
120		GRIMSON ET AL., "Interoperability Issues in Sharing Electronic Healthcare Records - the Synapses Approach," IEEE, 1997, pp.180-185.
121		"Clinician Documentation with EMR," CLINICOMP, INTL., <a href="http://www.clinicomp.com">www.clinicomp.com</a> , 1999-2002, 1 page.
122		"Essentris™ CPOE", CLINICOMP, INTL., <a href="http://www.clinicomp.com">www.clinicomp.com</a> , 1999-2002, 2 pages.
123		"Essentris™ GDR," CLINICOMP, INTL., <a href="http://www.clinicomp.com">www.clinicomp.com</a> , 1999-2002, 2 pages.
124		"Intensivist Tools," CLINICOMP, INTL., <a href="http://www.clinicomp.com">www.clinicomp.com</a> , 1999-2002, 2 pages.
125		"CMRxp - Computerized Medical Records Powered by Experience!!," Electronic Medical Records (EMR)xp Experience, CHARTCARE, INC., <a href="http://www.chartcare.com">www.chartcare.com</a> , March 5, 2003, 2 pages.
126		"Dr-InBasket-Lab Results, Messaging and To-Do's," CHARTCARE, INC., <a href="http://www.chartcare.com">www.chartcare.com</a> , March 5, 2003, 3 pages.
127		"PatInfo-Patient Information Handouts," PatInfo-Patient Demographics Software, CHARTCARE, INC., <a href="http://www.chartcare.com">www.chartcare.com</a> , March 5, 2003, 2 pages.
128		"Recall-Patient Health Maintenance," CHARTCARE, INC., <a href="http://www.chartcare.com">www.chartcare.com</a> , March 5, 2003, 3 pages.
129		"LabTrack-Lab Ordering & Results Tracking," LabTrack-Lab Result Tracking Software, CHARTCARE, INC., <a href="http://www.chartcare.com">www.chartcare.com</a> , March 5, 2003, 3 pages.
130		"Rx-MedTrack-Prescription Writing/Medication Tracking," Rx-MedTrack-Prescription Writing Software, CHARTCARE, INC., <a href="http://www.chartcare.com">www.chartcare.com</a> , March 5, 2003, 2 pages.
131		"The Right Tools," Product Description, INTEGREATH INC., <a href="http://www.igreat.com">www.igreat.com</a> , 2003, 1 page.
132		"IC-Chart Additional Modules," INTEGREATH INC., <a href="http://www.igreat.com">www.igreat.com</a> , 2003, 2 pages.
133		"Services," INTEGREATH INC., <a href="http://www.igreat.com">www.igreat.com</a> , 2003, 2 pages.

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<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

Examiner Signature		Date Considered	
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